Polycom® SoundPoint® IP 335c High Definition IP Phone

A powerful dual-line solution with simplified and traditional Chinese fonts support combining advanced telephony with the unmatched clarity of Polycom® HD Voice™ technology

The Polycom® SoundPoint® IP 335c Chinese language-supported phone is designed to bring a high-quality, cost-effective solution to cubicle workers and call center operators through advanced telephony features through Polycom® HD Voice™ technology, making voice communication clearer and more productive. Utilizing its high resolution backlit display, RJ-9 headset port, and Polycom HD Voice technology, the SoundPoint IP 335c phone delivers a business-grade telephony endpoint at an entry-level price.

Unsurpassed voice quality and clarity

With a best-in-class design for high-fidelity voice reproduction, the SoundPoint IP 335c phone also incorporates wideband audio for more than twice the voice clarity of standard phones. Patented Polycom® Acoustic Clarity™ technology provides crystal-clear, noise- and echo-free audio, while hold, pick-up, transfer, and three-way local conferencing features make managing calls simple and intuitive. Capabilities such as shared call/bridged line appearance, built-in xHTML microbrowser, and an RJ-9 headset port extend functionality for more advanced requirements.

Benefits

- **More efficient and productive conversations**—Unparalleled clarity through Polycom® HD Voice™ and patented Polycom® Acoustic Clarity™ technologies

- Chinese language support for both simplified and traditional Chinese Availability (Taiwan and HK)

- **Broad interoperability**— Certified to interoperate with a broad array of SIP call control platforms to enable flexibility and choice for customers

- **Easy provisioning and management**—Supports a wide range of industry-standard methods to facilitate simple, large-scale deployment and management of devices

- **Intuitive interface**— High resolution graphical 102 x 33 pixel grayscale LCD with adjustable backlighting

Product specifications

Lines (Direct numbers)

Up to 2 lines with up to 8 simultaneous calls total

Display

- 102 x 33 pixel backlit grayscale graphical LCD
- LED backlight with custom intensity control
- Message Waiting Indicator (MWI) LED

Feature keys

- 3 x context-sensitive "soft" keys
- 2 x line keys with bi-color (red/green) LED
- 2 feature keys ("Menu" and "Dial")
- 4-way navigation key cluster with center "Select" key
- 2 volume control keys
- Dedicated hold, headset, hands-free speakerphone and microphone mute keys
- Optional messages key

Headset and hearing aid compatibility

- Dedicated RJ-9 headset port
- Compliant with ADA Section 508
- Recommendations: Subpart B 1194.23 (all)
- Hearing Aid Compatible (HAC) handset for magnetic coupling to TIA 504-A and ITU P.370 standards
- Compatible with commercially available TTY adapter equipment

Audio features

- Polycom® HD Voice™ technology delivers life-like voice quality for each audio path—the handset, the hands-free speakerphone and the optional headset[1]
- Full-duplex hands-free speakerphone
- Type 1 compliant with IEEE 1329 full duplex standards
- Codecs
  - G.722 (wideband)
  - G.711 μ/A
  - G.729A (Annex B)
  - iLBC
- Individual volume settings with visual feedback for each audio path
- Voice activity detection
- Comfort noise fill
- DTMF tone generation/DTMF event RTP payload
- Low-delay audio packet transmission
- Adaptive jitter buffers
- Packet loss concealment
- Acoustic echo cancellations
- Background noise suppression

Call handling features[2]

- Shared call/bridged line appearance
- Busy Lamp Field (BLF)
- Flexible line appearance (one or more line keys can be assigned for each line extension)
- Distinctive incoming call treatment/ call waiting
- Call timer
- Call transfer, hold, divert (forward), pickup
- Called, calling, connected party information
- Local three-way conferencing
- One-touch speed dial
- Call waiting
- Remote missed call notification
- Intercom
- Automatic off-hook call placement
- Do not disturb function

Other features

- Interoperability with Microsoft® LCS 2005 for telephony and presence[3]
  - Compatibility with Microsoft® Office Communicator and Windows® Messenger 5.1 Clients
- Enabled for Polycom Productivity Suite
- Local feature-rich GUI
- Time and date display
- User-configurable contact directory and call history (missed, placed and received)
- Wave file support for call progress tones
- Unicode UTF-8 character support. Multilingual user interface encompassing Simplified and Traditional Chinese

Protocol support

IETF SIP (RFC 3261 and companion RFCs)

Network and provisioning

- Two 10/100 Mbps Ethernet ports
- Manual or dynamic host configuration protocol
- (DHCP) network setup
- Time and date synchronization using SNTP
- FTP/TFTP/HTTP/HTTPS server-based central provisioning for mass deployments
- Provisioning and call server redundancy supported
- Web portal for individual unit configuration
- QoS Support—IEEE 802.1p/Q tagging (VLAN), Layer 3
- TOS and DSCP

- Network Address Translation (NAT) support for static configuration and "Keep-Alive" SIP signaling
- RTCP support (RFC 1889)
- Event logging
- Syslog
- Local digit map
- Hardware diagnostics
- Status and statistics reporting

Security

- Transport Layer Security (TLS)
- Secure Real-time Transport Protocol (SRTP)
- Encrypted configuration files
- Shipped with X.509 certificate installed
- Digest authentication
- Password login
- Support for URL syntax with password for boot server
- HTTPS secure provisioning
- Support for signed software executables

Power

- Built-in, auto-sensing IEEE 802.3af Power Over Ethernet (Class2)
- External universal input AC adapter (optional[4]; 24V DC@500mA)

Approvals

- FCC Part 15 (CFR 47) Class B
- ICES-003 Class B
- EN55022 Class B
- CISPR22 Class B
- AS/NZS CISPR22 Class B
- VCCI Class B
- EN55024
- CE
- RoHS Compliant
- GOST-R
- A-Tick
- C-Tick
- KCC
- ANATEL
- NZ Telepermit
- TRA

Safety

- IEC60950-1
- EN60950-1
- UL60950-1
- CAN/CSA C22.2 No.60950-1-03
- AS/NZS 60950-1

Operating conditions

- Temperature—32–104° F (0–40°C)
- Relative humidity—5–95%, non-condensing

Storage temperature

-40–160°F (-40–70°C)

Polycom® SoundPoint® IP 335c ships with

- SoundPoint IP 335c console
- Handset with handset cord
- Base stand
- Network (LAN) cable
- Quick Start Guide
- Product registration card

Size (W x H x D)

- 6.7 x 5.7 x 6.9 in (17 x 17 x 17.5 cm)

Weight

Phone weight—1.9 lbs (0.861 kg)[5]

Part number

2200-12375-222 for China

Unit box dimensions/weight

- (W x H x D)
  - 10 x 4.2 x 11.6 in (25 x 10.5 x 29.5 cm)
- 2.9 lbs (1.3 kg)[5]

Master carton quantity

Ten

Country of origin

Thailand

Warranty

1 year

1. To enjoy all the benefits of Polycom HD Voice when using the phone in the headset mode, you must use a wideband headset.

2. Some of these features need to be supported by an appropriate call/applications server.

3. Features supported on SoundPoint IP 335c phone require SIP 4.0.0 or later.

4. Optional AC Adapter 5-Packs, Part Numbers/UPC Codes for China
   - 2200-17877-022/610807693444

5. Measurements taken for PoE. Power supply weights estimated at 0.65 lb (0.294 kg)

Refer to the Administrator's Guide for Polycom UC Software for a more complete listing/description of features.

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About Polycom

Polycom is the global leader in open standards-based unified communications and collaboration (UC&C) solutions for voice and video collaboration, trusted by more than 415,000 customers around the world. Polycom solutions are powered by the Polycom® RealPresence® Platform, comprehensive software infrastructure and rich APIs that interoperate with the broadest set of communication, business, mobile and cloud applications and devices to deliver secure face-to-face video collaboration in any environment.

Polycom, Inc.
1.800.POLYCOM
www.polycom.com

Polycom Asia Pacific Pte Ltd
+65 6389 9200
www.polycom.asia

Polycom EMEA
+44 (0)1753 723282
www.polycom.co.uk

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